

10/12/3,590

=> d his

(FILE 'HOME' ENTERED AT 15:06:45 ON 24 APR 2006)

FILE 'MEDLINE, CAPLUS, BIOSIS, SCISEARCH, LIFESCI' ENTERED AT 15:06:58 ON 24 APR 2006

L1 4421 S (ARTIFICIAL OR DEVICE) (5A)LIVER  
L2 9663 S C3A  
L3 98 S C3A(3A)CELL(W)LINE  
L4 536 S C3A(3A)CELL  
L5 75302 S DOUBLING  
L6 32018 S SERUM(W)FREE(W)MEDIUM  
L7 2 S L4 AND L5 AND L6  
L8 41 S L4 AND L1  
L9 25 DUP REM L8 (16 DUPLICATES REMOVED)  
L10 2 S L4 AND L6  
L11 2 DUP REM L10 (0 DUPLICATES REMOVED)  
L12 7 S L2 AND L6  
L13 5 DUP REM L12 (2 DUPLICATES REMOVED)

=> d au ti so pi 1-25 19

L9 ANSWER 1 OF 25 MEDLINE on STN DUPLICATE 1  
AU Sullivan Jesse P; Gordon Jason E; Palmer Andre F  
TI Simulation of oxygen carrier mediated oxygen transport to C3A  
hepatoma cells housed within a hollow fiber bioreactor.  
SO Biotechnology and bioengineering, (2006 Feb 5) Vol. 93, No. 2, pp. 306-17.  
Journal code: 7502021. ISSN: 0006-3592.

L9 ANSWER 2 OF 25 MEDLINE on STN  
AU Chamuleau Robert A F M; Deurholt Tanja; Hoekstra Ruurdte  
TI Which are the right cells to be used in a bioartificial liver?.  
SO Metabolic brain disease, (2005 Dec) Vol. 20, No. 4, pp. 327-35. Ref: 42  
Journal code: 8610370. ISSN: 0885-7490.

L9 ANSWER 3 OF 25 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
AU Park, Jung-Keug [Reprint Author]; Lee, Doo-Hoon  
TI Bioartificial liver systems: Current status and future perspective.  
SO Journal of Bioscience and Bioengineering, (APR 2005) Vol. 99, No. 4, pp.  
311-319.  
ISSN: 1389-1723.

L9 ANSWER 4 OF 25 CAPLUS COPYRIGHT 2006 ACS on STN  
AU Iding, Kai; Buentemeyer, Heino; Lehmann, Juergen  
TI Non-freezing preservation and subsequent recovery of hepatocytes under  
pO2- and pH-controlled conditions for continuous supply of cells for  
bioartificial liver support  
SO Animal Cell Technology Meets Genomics, Proceedings of the ESACT Meeting,  
18th, Granada, Spain, May 11-14, 2003 (2005), Meeting Date 2003, 167-170.  
Editor(s): Godia, Francesc; Fussenegger, Martin. Publisher: Springer,  
Dordrecht, Neth.  
CODEN: 69HJAV; ISBN: 1-4020-2791-5

L9 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2006 ACS on STN  
AU Krasteva, N.; Seifert, B.; Hopp, M.; Malsch, G.; Albrecht, W.; Altankov,  
G.; Groth, Th.  
TI Membranes for biohybrid liver support: the behavior of C3A  
hepatoblastoma cells is dependent on the composition of  
acrylonitrile copolymers  
SO Journal of Biomaterials Science, Polymer Edition (2005), 16(1), 1-22  
CODEN: JBSEEA; ISSN: 0920-5063

L9 ANSWER 6 OF 25 MEDLINE on STN DUPLICATE 2

AU Krasteva Natalia; Seifert Barbara; Albrecht Wolfgang; Weigel Thomas;  
Schossig Michael; Altankov George; Groth Thomas

TI Influence of polymer membrane porosity on C3A hepatoblastoma  
cell adhesive interaction and function.

SO Biomaterials, (2004 Jun) Vol. 25, No. 13, pp. 2467-76.  
Journal code: 8100316. ISSN: 0142-9612.

L9 ANSWER 7 OF 25 MEDLINE on STN DUPLICATE 3

AU Filippi Celine; Keatch Steven A; Rangar Deepa; Nelson Leonard J; Hayes  
Peter C; Plevris John N

TI Improvement of C3A cell metabolism for usage in  
bioartificial liver support systems.

SO Journal of hepatology, (2004 Oct) Vol. 41, No. 4, pp. 599-605.  
Journal code: 8503886. ISSN: 0168-8278.

L9 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2006 ACS on STN

AU Viravaidya, Kwanchanok; Sin, Aaron; Shuler, Michael L.

TI Development of a Microscale Cell Culture Analog To Probe Naphthalene  
Toxicity

SO Biotechnology Progress (2004), 20(1), 316-323  
CODEN: BIPRET; ISSN: 8756-7938

L9 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2006 ACS on STN

AU David, B.; Baudoin, R.; Legallais, C.

TI Fluidized bed bioartificial liver: improvement of the fluidization process

SO Archives of Physiology and Biochemistry (2004), 112(Suppl.), 139  
CODEN: APBIF5; ISSN: 1381-3455

L9 ANSWER 10 OF 25 CAPLUS COPYRIGHT 2006 ACS on STN

IN Shuler, Michael; Baxter, Gregory T.; Sin, Aaron; Meyers, Scott; Harrison,  
Andrew

TI Devices and methods for pharmacokinetic-based cell culture system

SO PCT Int. Appl., 122 pp.  
CODEN: PIXXD2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003027223	A2	20030403	WO 2002-US13083	20020425
WO 2003027223	A3	20031218		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2445458	AA	20030403	CA 2002-2445458	20020425
US 2003082795	A1	20030501	US 2002-133977	20020425
EP 1392814	A2	20040303	EP 2002-793757	20020425
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2005503169	T2	20050203	JP 2003-530795	20020425

L9 ANSWER 11 OF 25 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on  
STN

AU Triglia, Dennis [Inventor, Reprint Author]; Purchio, Anthony [Inventor]

TI Clonal cells and cell lines derived from C3A  
cells and methods of making and using them.

SO Official Gazette of the United States Patent and Trademark Office Patents,  
(Nov 25 2003) Vol. 1276, No. 4. <http://www.uspto.gov/web/menu/patdata.html>  
. e-file.  
ISSN: 0098-1133 (ISSN print).

PI US 6653105 20031125

L9 ANSWER 12 OF 25 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN

AU Sussman, Norman L. [Reprint Author]; Kelly, James H. [Reprint Author]  
TI High throughput screening for drug induced liver disease: Investigative and preemptive toxicology.

SO Hepatology, (October 2003) Vol. 38, No. 4 Suppl. 1, pp. 702A. print.  
Meeting Info.: 54th Annual Meeting of the American Association for the Study of Liver Diseases. Boston, MA, USA. October 24-28, 2003. American Association for the Study of Liver Diseases.  
ISSN: 0270-9139 (ISSN print).

L9 ANSWER 13 OF 25 MEDLINE on STN DUPLICATE 4

AU Adham Mustapha

TI Extracorporeal liver support: waiting for the deciding vote.

SO ASAIO journal (American Society for Artificial Internal Organs : 1992), (2003 Nov-Dec) Vol. 49, No. 6, pp. 621-32. Ref: 164  
Journal code: 9204109. ISSN: 1058-2916.

L9 ANSWER 14 OF 25 MEDLINE on STN DUPLICATE 5

AU Chen Jyh-Ping; Yu Sheng-Chun; Hsu Brend Ray-Sea; Fu Shin-Huei; Liu Hwai-Shen

TI Loofa sponge as a scaffold for the culture of human hepatocyte cell line.

SO Biotechnology progress, (2003 Mar-Apr) Vol. 19, No. 2, pp. 522-7.  
Journal code: 8506292. ISSN: 8756-7938.

L9 ANSWER 15 OF 25 MEDLINE on STN DUPLICATE 6

AU Krasteva Natalia; Harms Ulrike; Albrecht Wolfgang; Seifert Barbara; Hopp Michael; Altankov George; Groth Thomas

TI Membranes for biohybrid liver support systems--investigations on hepatocyte attachment, morphology and growth.

SO Biomaterials, (2002 Jun) Vol. 23, No. 12, pp. 2467-78.  
Journal code: 8100316. ISSN: 0142-9612.

L9 ANSWER 16 OF 25 MEDLINE on STN DUPLICATE 7

AU Hoekstra R; Chamuleau R A F M

TI Recent developments on human cell lines for the bioartificial liver.

SO The International journal of artificial organs, (2002 Mar) Vol. 25, No. 3, pp. 182-91. Ref: 102  
Journal code: 7802649. ISSN: 0391-3988.

L9 ANSWER 17 OF 25 SCISEARCH COPYRIGHT (c) 2006 The Thomson Corporation on STN

AU Chen J P (Reprint); Yu S C; Liu H S; Fu S H; Hsu B R S

TI In vitro evaluation of growth and anabolism for C3A/HepG2 hepatoma cells with logistic equation and linear regression expression

SO TRANSPLANTATION PROCEEDINGS, (FEB-MAR 2001) Vol. 33, No. 1-2, pp. 656-657.  
ISSN: 0041-1345.

L9 ANSWER 18 OF 25 CAPLUS COPYRIGHT 2006 ACS on STN

AU Krasteva, N.; Groth, Th.; Fey-Lamprecht, F.; Altankov, G.

TI The role of surface wettability on hepatocyte adhesive interactions and function

SO Journal of Biomaterials Science, Polymer Edition (2001), 12(6), 613-627  
CODEN: JBSEEA; ISSN: 0920-5063

L9 ANSWER 19 OF 25 CAPLUS COPYRIGHT 2006 ACS on STN

AU Chen, Mei-Hsiu; Guillermo, Mhylla O.; Chau, Pao C.

TI Bioartificial liver in a pulsating pinch-flow hollow-fiber bioreactor.

SO Book of Abstracts, 219th ACS National Meeting, San Francisco, CA, March 26-30, 2000 (2000), BIOT-265 Publisher: American Chemical Society, Washington, D. C.

CODEN: 69CLAC

L9 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2006 ACS on STN  
IN Triglia, Dennis; Purchio, Anthony  
TI C3A serum-free clonal cell line and methods of use  
SO PCT Int. Appl., 46 pp.

CODEN: PIXXD2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9940793	A1	19990819	WO 1999-US2821	19990210
W: AU, CA, CN				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
US 2002012654	A1	20020131	US 1998-22469	19980211
US 6653105	B2	20031125		
CA 2320255	AA	19990819	CA 1999-2320255	19990210
AU 9926671	A1	19990830	AU 1999-26671	19990210
AU 761988	B2	20030612		
EP 1104993	A1	20010613	EP 1999-906855	19990210
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
US 2004166562	A1	20040826	US 2003-723590	20031125

L9 ANSWER 21 OF 25 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
AU Millis, J. Michael [Reprint author]; Maguire, Patrick; Cronin, David C.; Conjeevarum, Hari; Johnson, Robert; Conlin, Carol; Brotherton, John; O'Laughlin, Rita; Triglia, Dennis; Piazza, Richard  
TI ELADTM continuous liver support system: Report of cell function.  
SO Hepatology, (Oct., 1999) Vol. 30, No. 4 PART 2, pp. 168A. print.  
Meeting Info.: 50th Annual Meeting and Postgraduate Courses of the American Association for the Study of Liver Diseases. Dallas, Texas, USA. November 5-9, 1999. American Association for the Study of Liver Diseases.  
CODEN: HPTLD9. ISSN: 0270-9139.

L9 ANSWER 22 OF 25 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
AU Brotherton, John D.; Baker, Andrew R.; Carter, Bobbie J.; Conlin, Carol A.; He, Daer; Minshall, Bill W.; Johnson, Robert C.  
TI Reconfiguration of an extracorporeal liver assist device (ELAD) for improved therapy.  
SO Hepatology, (Oct., 1998) Vol. 28, No. 4 PART 2, pp. 752A. print.  
Meeting Info.: Biennial Scientific Meeting of the International Association for the Study of the Liver and the 49th Annual Meeting and Postgraduate Courses of the American Association for the Study of Liver Diseases. Chicago, Illinois, USA. November 4-10, 1998. International Association for the Study of the Liver.  
CODEN: HPTLD9. ISSN: 0270-9139.

L9 ANSWER 23 OF 25 MEDLINE on STN DUPLICATE 8  
AU Wang L; Sun J; Li L; Mears D; Horvat M; Sheil A G  
TI Comparison of porcine hepatocytes with human hepatoma (C3A) cells for use in a bioartificial liver support system.  
SO Cell transplantation, (1998 Sep-Oct) Vol. 7, No. 5, pp. 459-68.  
Journal code: 9208854. ISSN: 0963-6897.

L9 ANSWER 24 OF 25 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
AU Spiering, Andrea; He, Daer; Harrison, Mary; Lo, Yuet Wan; Rotem, Avi; Sussman, Normal L.; Kelly, James H.  
TI Properties of the hepatix C3A human hepatoblastoma cells cultured in a hollow fiber bioreactor.  
SO In Vitro Cellular and Developmental Biology Animal, (1994) Vol. 30A, No. 3 PART 2, pp. 106.

Meeting Info.: Meeting of the Tissue Culture Association on Regulation of Cell and Tissue Differentiation. Research Triangle Park, North Carolina, USA. June 4-7, 1994.  
ISSN: 1071-2690.

L9 ANSWER 25 OF 25 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
AU Spiering, Andrea [Reprint author]; Chong, Maria G.; Sussman, Norman L.; Kelly, James H.  
TI Lidocaine metabolism in hepatix C3A cells.  
SO Hepatology, (1993) Vol. 18, No. 4 PART 2, pp. 208A.  
Meeting Info.: 44th Annual Meeting of the American Association for the Study of Liver Diseases. Chicago, Illinois, USA. November 4-7, 1993.  
CODEN: HPTLD9. ISSN: 0270-9139.

=> s 1-5 au ti so pi l13

MISSING OPERATOR PI L13

The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> d 1-5 au ti so pi l13

L13 ANSWER 1 OF 5 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
AU Triglia, Dennis [Inventor, Reprint Author]; Purchio, Anthony [Inventor]  
TI Clonal cells and cell lines derived from C3A cells and methods of making and using them.  
SO Official Gazette of the United States Patent and Trademark Office Patents, (Nov 25 2003) Vol. 1276, No. 4. <http://www.uspto.gov/web/menu/patdata.html> . e-file.  
ISSN: 0098-1133 (ISSN print).  
PI US 6653105 20031125

L13 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN  
IN Triglia, Dennis; Purchio, Anthony  
TI C3A serum-free clonal cell line and methods of use  
SO PCT Int. Appl., 46 pp.  
CODEN: PIXXD2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9940793	A1	19990819	WO 1999-US2821	19990210
W: AU, CA, CN				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
US 2002012654	A1	20020131	US 1998-22469	19980211
US 6653105	B2	20031125		
CA 2320255	AA	19990819	CA 1999-2320255	19990210
AU 9926671	A1	19990830	AU 1999-26671	19990210
AU 761988	B2	20030612		
EP 1104993	A1	20010613	EP 1999-906855	19990210
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
US 2004166562	A1	20040826	US 2003-723590	20031125

L13 ANSWER 3 OF 5 MEDLINE on STN DUPLICATE 1  
AU Gyoten M  
TI Activation of the complement system and cytokine production by radiographic contrast media in vascular endothelial cells in vitro.  
SO Nippon Igaku Hoshasen Gakkai zasshi. Nippon acta radiologica, (1998 Dec) Vol. 58, No. 14, pp. 811-5.  
Journal code: 0413544. ISSN: 0048-0428.

L13 ANSWER 4 OF 5 MEDLINE on STN  
AU Weiler J M; Ballas Z K; Feldbush T L; Needleman B W

TI Inhibition of human lymphocyte blastogenesis by C3: the role of serum in  
the tissue culture medium.  
SO Immunology, (1982 Jun) Vol. 46, No. 2, pp. 247-52.  
Journal code: 0374672. ISSN: 0019-2805.

L13 ANSWER 5 OF 5 MEDLINE on STN  
AU Schorlemmer H U  
TI The role of complement in the function of the monocyte - macrophage  
system.  
SO Haematology and blood transfusion, (1981) Vol. 27, pp. 59-71.  
Journal code: 101169459. ISSN: 0171-7111.

=>